

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

THE APPLICATION OF THE HARRISON COUNTY )  
WATER ASSOCIATION, INC. P. O. BOX 215 )  
CYNTHIANA, KENTUCKY 41031, FOR A ) CASE NO. 9051  
CERTIFICATE OF PUBLIC CONVENIENCE AND )  
NECESSITY )

O R D E R

IT IS ORDERED that Harrison County Water Association, Inc. ("Harrison County") shall file an original and seven copies of the following information with the Commission with a copy to all parties of record by July 27, 1984. Harrison County shall also furnish with each response the name of the witness who will be available at the public hearing for responding to questions concerning each area of information requested. If neither the requested information nor a motion for an extension of time is filed by the stated date the case may be dismissed.

1. For each of the two Farmer's Home Administration ("FmHA") loans associated with the financing of this project, provide a copy of the loan agreement negotiated between Harrison County and FmHA.

2. Provide a schedule reflecting the amortization of the principal and interest payments on the \$190,000 FmHA loan at a

rate of 9.125 percent per annum for a period of 40 years, and on the \$250,000 FmHA loan at a rate of 9.50 percent per annum for a period for 40 years.

3. According to the proposed operating budget submitted with Harrison County's application, operation and maintenance expenses in the total amount of \$21,800 are estimated to be incurred during the first full year of operations subsequent to completion of the proposed construction. For each of the following components of the estimated operation and maintenance expenses, provide complete details with regard to the basis upon which the projected amount was determined, including supporting computations:

Source of Supply Expense	\$ 5,200
Pumping Expense	500
Transmission and Distribution Expense	3,500
Customer Accounts Expense	5,200
Administrative and General Expenses	<u>7,400</u>
Total Operating Expenses	<u>\$21,800</u>

4. Provide hydraulic analyses, supported by computations and actual field measurements, of typical operational sequences of the existing water distribution system. Computations are to be documented by a schematic map of the system that shows pipeline sizes, lengths, connections, pumps, water storage tanks, and sea level elevations of key points, as well as allocations of actual customer demands. Flows used in the analyses shall be identified as to whether they are based on average instantaneous flows, peak instantaneous flows, or any combination or variation thereof. The

flows used in the analyses shall be documented by actual field measurements and customer use records. Justify fully any assumptions used in the analyses.

5. Provide a summary of any operational deficiencies of the existing water system that are indicated by the hydraulic analyses or that are known from experience.

6. Provide hydraulic analyses, supported by computations and field measurements, demonstrating the appropriateness of the engineering design of the proposed construction of additions and extensions. Justify fully any assumptions used in the analyses.

7. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available near the connection point of Harrison County's existing waterline on Old Lair Road to Cynthiana's water system. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

8. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available near the connection point of Harrison County's existing waterline on Shady Nook Road near the intersection of Shaw Lane. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

9. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Harrison County's water tank near Switzer Road. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

10. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the discharge of Harrison County's Connersville pump station. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

11. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Harrison County's water tank located on Mudlick road. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

12. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the discharge of Harrison County's Cook Pike pump station. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

13. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at the discharge of Harrison County's Stokley Lane pump station. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

14. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available near the connection point of Harrison County's existing waterline on U.S. 62 to Cynthiana's water system. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

15. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available near the connection point of Harrison County's existing waterline on U.S. 27 to Cynthiana's water system. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

16. Provide a pressure recording chart showing the actual 24-hour continuously measured pressure available at Harrison County's water tank near Monroe Road. Identify the 24-hour period recorded, the exact location of the pressure recorder and the sea level elevation of the recorder.

Done at Frankfort, Kentucky, this 3rd day of July, 1984.

PUBLIC SERVICE COMMISSION

Richard D. Lemen, Jr.  
For the Commission

ATTEST:

Acting Secretary